



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

IOWA, Northeast

IAZ008-018

Mitchell - Floyd

15	1900CST	0	0	32K	30K	Flood
18	2000CST					

Heavy rainfall amounts of 3 to 6 inches, with locally higher amounts, occurred across portions of southern Minnesota from September 14 through September 15. This caused significant flooding on the Cedar River in northeast Iowa. Hardest hit was the Charles City area (Floyd County), where the Cedar River crested at 20.58 feet. Minor structural damage was reported to a few homes, but the flood waters mainly impacted park land and recreational trails around Charles City.

MINNESOTA, Southeast

Houston County

Mound Prairie	14	1710CST	0	0			Hail(0.88)
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Dodge County

Countywide	14	2058CST	0	0	10K	15K	Flash Flood
	15	1000CST					

Mower County

Countywide	14	2101CST	0	0	15K	15K	Flash Flood
	15	1000CST					

Olmsted County

Countywide	14	2101CST	0	0	7.5K	10K	Flash Flood
	15	0500CST					

Fillmore County

Countywide	15	0158CST	0	0	5K	8.5K	Flash Flood
		1000CST					

Winona County

Countywide	15	0241CST	0	0	4K	5K	Flash Flood
		1000CST					

MNZ086>087-094>095

Dodge - Olmsted - Mower - Fillmore

15	0400CST	1	0	1.2M	65K	Flood
17	1500CST					

M20IW

After a relatively dry start to the month, a potent late summer storm system brought very heavy rain to parts of southeast Minnesota and northeast Iowa on September 14 and September 15. Rain was most intense from near Mason City, Iowa through the Austin area (Mower County) to near Rochester (Olmsted County). There were many areas that had over 4 inches of rain, with isolated higher amounts. In fact, the highest unofficial totals were in the Blooming Prairie area (Dodge County) with 11.50 inches and 13.00 inches reported.

Flash flooding was the initial problem, but as all the rain drained into river basins, many of the regional rivers and creeks saw dramatic rises during the overnight hours of September 14 and into the morning of September 15. The Austin area saw very high to record crest levels on the Cedar River and creeks leading into it. For example, Turtle Creek at Austin had a record setting crest of 14.77 feet, while a record setting crest of 23.44 feet was established on the Cedar River at Lansing (Mower County). Other rivers affected included the Zumbro and Root, however flooding was not near as significant in these locations. Mower, Dodge and Olmsted counties were declared federal disaster areas.

Hardest hit was the Austin area, where flooding affected parts of the city and widespread sand bagging efforts took place. There were 350 homes in Mower County, which received flood damage, including 300 homes in Austin alone. A 20 year old man died on his way to work, when he walked into high water and was swept away. A 53 year old man also died of a heart attack, while assisting with sand bagging efforts.



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WISCONSIN, Southwest

Juneau County

10 N Mauston

14

1844CST

0

0

Hail(0.88)

Law enforcement officials reported nickel size hail between Mauston and Necedah.

Taylor County

Medford

15

1335CST

0

0

Thunderstorm Wind (MG52)